



Minnesota Ag News – Crop Weather

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COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN, MN

UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, USDA-NRCS, and Local FACs

PLANTING ADVANCES DESPITE ACTIVE WEATHER

Planting progress was made this past week in spite of frequent rain showers, according to the USDA, NASS, Minnesota Field Office. As of May 15, spring wheat advanced 21 percentage points to 39 percent planted. Corn advanced 19 points to 47 percent planted. Similar progress was made with oats, barley, and sugarbeets at 54 percent planted, 22 percent planted, and 31 percent planted, respectively. Potato planting remained the farthest along with 61 percent planted.

Planting conditions remained variable. Cool weather prevented fields from drying out, and frequent rain continued to limit planting progress. One reporter noted that planting was taking place around wet spots. Topsoil moisture supplies were rated 64 percent adequate and 36 percent surplus compared to 60 percent adequate and 40 percent surplus during the previous week.

Statewide, 3 days were rated suitable for fieldwork. Temperatures returned to average statewide after below-average readings prevailed throughout the spring. Precipitation was .23 inch above normal. A severe storm Tuesday night, brought on by extreme warmth and moisture, created strong instability in the atmosphere and brought hail and even tornado activity to central and eastern parts of the state. A cool front followed Wednesday night and into Thursday. Periodic rainfall extended through the weekend, though sunshine returned on Sunday.

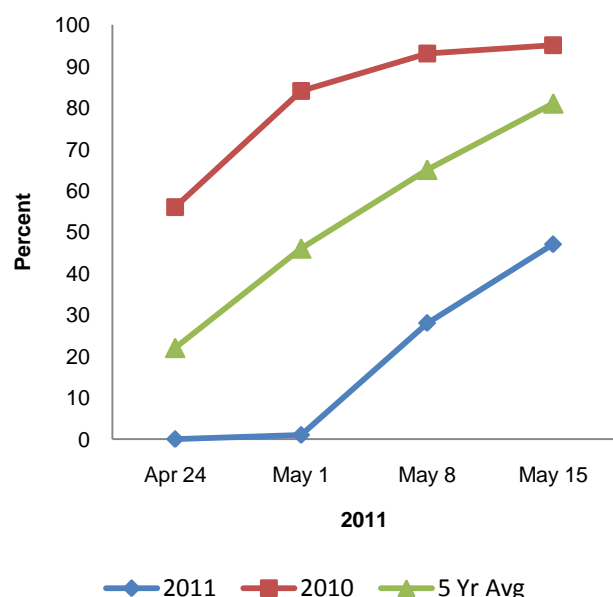
Pasture condition was rated 2 percent very poor, 4 percent poor, 23 percent fair, 57 percent good, and 14 percent excellent, a slight improvement from the previous week. Some areas along the Minnesota and Red Rivers are still under flood warning.

Days Suitable for Fieldwork: 3.0				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	0	0	64	36

Crop Progress as of May 15, 2011					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Land Prepared	59	41	100	88
	Planted	47	28	95	81
	Emerged	1	0	49	33
Soybeans	Land Prepared	17	5	70	54
	Planted	9	2	46	38
Oats	Planted	54	37	100	89
	Emerged	15	4	92	66
Spring Wheat	Planted	39	18	99	76
	Emerged	5	1	94	49
Barley	Planted	22	9	99	73
	Emerged	6	2	92	45
Canola	Planted	17	3	91	43
Green Peas	Planted	38	17	88	71
Sweet Corn	Planted	10	3	37	30
Dry Beans	Planted	4	0	5	14
Potatoes	Planted	61	40	78	73
Sunflowers	Planted	3	0	31	24
Sugarbeets	Planted	31	17	100	81

Condition as of May 15, 2011					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	2	4	23	57	14

Corn Planted



The following links provide further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week:
<http://climate.umn.edu/doc/weekmap.asp>

Spring flood information:
http://climate.umn.edu/doc/journal/flood_2011/flood_ing_2011.htm

National Weather Service's Minnesota Data:
<http://www.nws.noaa.gov/view/states.php?state=MN>

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING May 15, 2011:
Temperatures averaged from 2.6 degrees below normal in the West Central District to 3.1 degrees above normal in the Southeast District. Extremes: 28 degrees in Marshall; 96 degrees in Winnebago. Average precipitation ranged from 0.36 inch below normal in the North Central District to 0.76 inch above normal in the Southwest District. Greatest weekly total of 2.25 inches was recorded in Olivia.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website;
<http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 5/9/2011 through 5/15/2011

	Temperature				Precipitation			
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	Four Weeks	From Norm Since 4/1
<u>NW DIST 1</u>								
Crookston	69	38	51.8	-3.3	.21	-.29	-.60	.19
Itasca	74	31	50.6	-.5	.83	.26	.03	1.55
Moorhead	74	36	52.3	-3.8	1.68	1.14	.90	1.55
Warroad	69	38	50.8	-.6	.46	-.03	.13	1.90
<u>NC DIST 2</u>								
Grand Rapids	81	38	52.9	-.1	.16	-.43	.78	1.04
Intl. Falls	72	35	51.2	-.9	.22	-.29	-.22	1.62
<u>NE DIST 3</u>								
Duluth	75	36	49.9	-.8	.25	-.36	.71	1.07
Grand Marais	69	36	49.5	3.2	.41	-.12	.37	.58
Hibbing	82	31	52.4	.9	.11	-.41	.79	.92
<u>WC DIST 4</u>								
Alexandria	84	41	55.0	-.0	.63	.02	.16	-.29
Browns Valley	82	38	52.6	-4.3	1.07	.57	.47	-.36
Canby	84	40	53.8	-3.8	1.44	.83	.69	.02
Montevideo	87	42	56.0	-.8	.85	.19	.45	.03
Morris	83	40	53.2	-3.4	1.72	1.12	1.18	.31
Wheaton	80	37	52.8	-3.4	1.01	.49	-.01	-.50
<u>CENT DIST 5</u>								
Becker	84	41	56.8	1.0	1.07	.34	1.51	1.69
Collegeville	84	43	59.0	1.1	.73	.00	1.25	.59
Hutchinson	90	39	57.0	.0	1.30	.67	1.95	2.42
Melrose	84	38	55.4	-.5	.86	.17	1.27	.62
Olivia	89	39	56.5	-.4	2.25	1.61	2.20	1.96
St. Cloud	82	41	56.7	1.3	.58	-.02	.80	.31
Wadena	79	38	53.6	.1	.80	.18	-.12	.12
Willmar	89	42	55.6	-.2	1.08	.44	1.35	1.27
<u>EC DIST 6</u>								
Aitkin	72	36	49.2	-3.2	.54	-.11	1.38	1.46
Forest Lake	81	39	56.8	.4	1.49	.76	1.38	1.05
Hinckley	78	39	54.6	1.7	.81	.09	1.04	.68
MSP Airport	88	44	59.2	1.2	.59	-.09	.95	.02
St. Paul - UofM	86	42	57.4	-.1	.73	-.05	.86	.08
<u>SW DIST 7</u>								
Lamberton	89	41	57.2	-.2	1.78	1.07	1.09	.44
Marshall	87	28	51.3	-6.2	1.31	.63	.70	.63
Pipestone	85	39	55.4	-.9	1.70	.98	.74	1.42
Redwood Falls	91	43	57.8	-1.1	1.54	.88	1.38	2.38
Worthington	88	37	56.0	.3	1.44	.74	.28	.53
<u>SC DIST 8</u>								
Faribault	90	43	59.1	3.2	1.48	.66	.99	1.09
North Mankato	94	41	57.6	.2	1.41	.69	.20	-.21
Waseca	92	42	59.2	2.2	1.16	.28	-.29	.58
Winnebago	96	42	59.2	1.9	.98	.12	-.17	-.01
<u>SE DIST 9</u>								
Preston	89	43	61.2	5.9	1.46	.60	.75	.98
Red Wing	87	44	58.6	1.4	.90	.14	.04	-.63
Rochester	88	43	60.0	4.5	1.47	.69	.63	.84
Rosemount	87	42	58.2	2.1	.67	-.20	.64	4.87
Winona	86	43	59.4	2.2	1.18	.34	-.69	-.28

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